

Appln. No. 09/820,253
Amendment Dated: February 28, 2005
Response to Office Action Dated: November 29, 2004

Remarks/Arguments:

Office Action

In response to the Office Action mailed on November 29, 2004, please amend this patent application as set forth above and reexamine the application in view of these amendments and the following remarks.

Specification Objections

The specification is objected to because of an informality. The specification has been amended to correct the informality. Namely, the title "Detailed Description of the Invention" has been removed from page 9. Thus all of the text under this title (now removed) falls under the title "Summary of the Invention", at page 8. Withdrawal of the objection is respectfully requested.

Claim Status

Claims 1-19 are pending. Claims 1-19 are rejected. Claims 20-21 are newly added. No new material is introduced herein.

Claim Objections

Claims 1-19 are objected to on informal grounds. Claims 1-19 have been amended to correct the informalities. Applicants appreciate the Examiner's guidance in correcting these informalities. Withdrawal of the objections to claims 1-19 is respectfully requested.

Rejections Under 35 U.S.C. § 112

Claim 1 is rejected under 35 U.S.C. § 112, second paragraph, of the Office Action as being incomplete for omitting essential structural cooperative relationships of elements, such omission amounting to a gap between necessary structural

Appln. No. 09/820,253
Amendment Dated: February 28, 2005
Response to Office Action Dated: November 29, 2004

connections. Claims 2-19 are also rejected because of the deficiencies of their respective parent claims.

Claim 1 has been amended to include the cooperative relationships and essential circuit elements of the current conveyor circuit. Amended claim 1 is supported throughout the specification; for example, see p. 15-16 and Fig. 17.

Claim 12 has been amended to clarify cooperative relationships and essential circuit elements of the voltage buffer circuit used within the current conveyor circuit. Amended claim 12 is supported throughout the specification; for example, see p. 14 and Figs. 14 and 17.

Claims 1 and 12 have been amended to overcome the deficiencies as described above. Claims 2-11 and 13-19, dependent on claim 1, are also not subject to rejection under 35 U.S.C. §112, second paragraph for the reasons stated above. Withdrawal of the rejection of claims 1-19 is respectfully requested.

Newly Added Claims

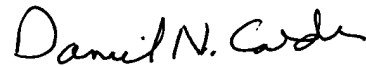
Claims 20 and 21 are newly added. Claims 20 and 21 are based on original claim 1. Support for new claim 20 is found in the specification, for example, p. 15, last paragraph. Support for new claim 21 is found in the specification, for example, p. 15, last paragraph through to page 16, line 2. No new matter is being presented by these new claims. Accordingly, entry and consideration are submitted to be proper and respectfully requested.

Appln. No. 09/820,253
Amendment Dated: February 28, 2005
Response to Office Action Dated: November 29, 2004

Conclusion

Claims 1-21 are in condition for allowance. Reconsideration and allowance of all pending claims are respectfully requested.

Respectfully submitted,



Allan Ratner, Reg. No. 19,717
Daniel N. Calder, Reg. No. 27,424
Attorneys for Applicant

DNC/DG/ks/pb

Dated: February 28, 2005

P.O. Box 980
Valley Forge, PA 19482
610) 407-0700

The Commissioner for Patents is hereby authorized to charge payment to Deposit Account No. **18-0350** of any fees associated with this communication.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to:
Commissioner for Patents, P.O. Box 1450,
Alexandria, VA 22313-1450 on: February 28, 2005



Patricia C. Boccella